

1632 #6



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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/025,598

DATE: 04/23/2002

TIME: 14:33:33

Input Set : A:\SEQUENCE LIST.TXT

Output Set: N:\CRF3\04232002\J025598.raw

1614

C--> 4 <110> APPLICANT: Schaak, Diane L.  
 6 <120> TITLE OF INVENTION: TOXIN-PHAGE BACTERIOCIDIC ANTIBIOTIC AND USES THEREOF  
 8 <130> FILE REFERENCE: 13688-002001  
 10 <140> CURRENT APPLICATION NUMBER: US 10/025,598  
 11 <141> CURRENT FILING DATE: 2002-04-08  
 13 <160> NUMBER OF SEQ ID NOS: 16  
 15 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 17 <210> SEQ ID NO: 1  
 18 <211> LENGTH: 117  
 19 <212> TYPE: DNA  
 20 <213> ORGANISM: Artificial Sequence  
 22 <220> FEATURE:  
 23 <223> OTHER INFORMATION: Synthetically generated primer  
 25 <220> FEATURE:  
 26 <221> NAME/KEY: CDS  
 27 <222> LOCATION: (1)...(117)  
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 30 atg gat tgg ctg aaa gct cgg gtt gaa cag gaa ctg cag gct ctg gaa 48  
 31 Met Asp Trp Leu Lys Ala Arg Val Glu Gln Glu Leu Gln Ala Leu Glu  
 32 1 5 10 15  
 34 gca cgt ggt acc gat tcc aac gct gag ctg cgg gct atg gaa gct aaa 96  
 35 Ala Arg Gly Thr Asp Ser Asn Ala Glu Leu Arg Ala Met Glu Ala Lys  
 36 20 25 30  
 38 ctt aag gct gaa atc cag aag 117  
 39 Leu Lys Ala Glu Ile Gln Lys  
 40 35  
 42 <210> SEQ ID NO: 2  
 43 <211> LENGTH: 39  
 44 <212> TYPE: PRT  
 45 <213> ORGANISM: Artificial Sequence  
 47 <220> FEATURE:  
 48 <223> OTHER INFORMATION: Synthetically generated peptide  
 50 <400> SEQUENCE: 2  
 51 Met Asp Trp Leu Lys Ala Arg Val Glu Gln Glu Leu Gln Ala Leu Glu  
 52 1 5 10 15  
 53 Ala Arg Gly Thr Asp Ser Asn Ala Glu Leu Arg Ala Met Glu Ala Lys  
 54 20 25 30  
 55 Leu Lys Ala Glu Ile Gln Lys  
 56 35  
 58 <210> SEQ ID NO: 3  
 59 <211> LENGTH: 104  
 60 <212> TYPE: DNA  
 61 <213> ORGANISM: Artificial Sequence

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63 <220> FEATURE:  
64 <223> OTHER INFORMATION: Synthetically generated primer  
66 <400> SEQUENCE: 3  
67 gcgtccggcg tagaggatcc aagctttaat ttaaatttta ttgacaaaa atgggctcgt 60  
68 gttgtacaaa tgtatggatt ggctgaaagc tcgggttgaa cagg 104  
70 <210> SEQ ID NO: 4  
71 <211> LENGTH: 39  
72 <212> TYPE: DNA  
73 <213> ORGANISM: Artificial Sequence  
75 <220> FEATURE:  
76 <223> OTHER INFORMATION: Synthetically generated primer  
78 <400> SEQUENCE: 4  
79 ccacgatgg ccgctcgagc tattatttct ggatttcag 39  
81 <210> SEQ ID NO: 5  
82 <211> LENGTH: 17  
83 <212> TYPE: DNA  
84 <213> ORGANISM: Artificial Sequence  
86 <220> FEATURE:  
87 <223> OTHER INFORMATION: Synthetically generated primer  
89 <400> SEQUENCE: 5  
90 ggcgtatcac gagggccc 17  
92 <210> SEQ ID NO: 6  
93 <211> LENGTH: 19  
94 <212> TYPE: DNA  
95 <213> ORGANISM: Artificial Sequence  
97 <220> FEATURE:  
98 <223> OTHER INFORMATION: Synthetically generated primer  
100 <400> SEQUENCE: 6  
101 gtggcgccgg tgatgccgg 19  
103 <210> SEQ ID NO: 7  
104 <211> LENGTH: 39  
105 <212> TYPE: DNA  
106 <213> ORGANISM: Bacteriophage lambda  
108 <400> SEQUENCE: 7  
109 ttgcccatat cgatgggcaa ctcatgcaat tattgtgag 39  
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112 <211> LENGTH: 42  
113 <212> TYPE: DNA  
114 <213> ORGANISM: Bacteriophage lambda  
116 <400> SEQUENCE: 8  
117 caatacacac gcgcttcag cggagtataa atgcctaaag ta 42  
119 <210> SEQ ID NO: 9  
120 <211> LENGTH: 39  
121 <212> TYPE: DNA  
122 <213> ORGANISM: Bacteriophage phi-165  
124 <400> SEQUENCE: 9  
125 gggtagttgc ataccactaa agatgttcag gtgcacatg 39  
127 <210> SEQ ID NO: 10  
128 <211> LENGTH: 40

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132 <400> SEQUENCE: 10
133 agcattggag gaaaggaacg ctttaggggg aagggaaacc      40
135 <210> SEQ ID NO: 11
136 <211> LENGTH: 38
137 <212> TYPE: DNA
138 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Synthetically generated primer
143 <400> SEQUENCE: 11
144 cgtccggcgt agaggatcca agctttaatt taaatttt      38
146 <210> SEQ ID NO: 12
147 <211> LENGTH: 96
148 <212> TYPE: DNA
C--> 149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Synthetically generated primer
154 <400> SEQUENCE: 12
155 cgggaagctt ggatccgcgt agcaaaacgg acatcactcc gtttcaatgg aggtgatgtc      60
156 cgttttccgc tcgagctatt atttctggat ttcagc      96
158 <210> SEQ ID NO: 13
159 <211> LENGTH: 98
160 <212> TYPE: DNA
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Synthetically generated primer
166 <400> SEQUENCE: 13
167 ccggaattcg ctacggggcc cgagttgccc atatcgatgg gcaactcatg caattattgt      60
168 gagaagcttt aatttaaatt ttatttgaca aaaatggg      98
170 <210> SEQ ID NO: 14
171 <211> LENGTH: 98
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Synthetically generated primer
178 <400> SEQUENCE: 14
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180 attggcatgc atcgattagt aaaacggaca tcactccg      98
182 <210> SEQ ID NO: 15
183 <211> LENGTH: 98
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Synthetically generated primer
190 <400> SEQUENCE: 15
191 ccggaattcg ctacggggcc cgaggggtag ttgcatacca ctaaagatgt tcaggtgcac      60
192 atgaagcttt aatttaaatt ttatttgaca aaaatggg      98
194 <210> SEQ ID NO: 16

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Input Set : A:\SEQUENCE LIST.TXT

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195 &lt;211&gt; LENGTH: 97

196 &lt;212&gt; TYPE: DNA

197 &lt;213&gt; ORGANISM: Artificial Sequence

199 &lt;220&gt; FEATURE:

200 &lt;223&gt; OTHER INFORMATION: Synthetically generated primer

202 &lt;400&gt; SEQUENCE: 16

203 cgccctaggc ggccgaggac ccggtttccc ttccccctaa agcggttcctt tcctccaatg

60

204 ctggcatgca tcgattagta aaacggacat cactccg

97

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/025,598

DATE: 04/23/2002

TIME: 14:33:34

Input Set : A:\SEQUENCE LIST.TXT

Output Set: N:\CRF3\04232002\J025598.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:149 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12.